

**PACCAR** Inc

May 2, 2014

Via e-mail to rmd.odi@dot.gov  
Jennifer Timian  
Chief, Recall Management Division  
Office of Defects Investigation (NEF-111)  
Safety Assurance  
National Highway Traffic Safety Administration  
1200 New Jersey Ave SE  
Washington, D.C. 20590

Re: **Noncompliant Fog Lamp and High Beam Combination**  
**Peterbilt Recall No. 414-E**

Dear Ms. Timian:

Pursuant to 49 C.F.R. Part 573, PACCAR Inc hereby provides notice to NHTSA of its intention to voluntarily recall the affected population of vehicles identified below. This recall involves vehicles manufactured by the Peterbilt Motors Company, a division of PACCAR Inc.

**Manufacturer - 573.6(c)(1)**

Peterbilt Motors Company  
1700 Woodbrook Street  
Denton, TX 76205

**Identification of Vehicles Potentially Containing Noncompliance - 573.6(c)(2)(ii)**

The vehicles that may potentially contain the noncompliance are model year 2014 and 2015 Peterbilt Model 587 chassis that were manufactured between November 11, 2013 and March 7, 2014.

**Total Number of Vehicles Potentially Containing Noncompliance - 573.6(c)(3)**

It is estimated that the recall potentially affects 63 Peterbilt vehicles registered within the United States.

**Percentage of Vehicles Estimated to Contain Noncompliance - 573.6(c)(4)**

All of the potentially affected vehicles are assumed to be noncompliant.

**Description of the Noncompliance - 573.6(c)(5)**

Due to a software malfunction, activation of the high beam headlights when the fog lamps are illuminated causes the fog lamps to turn off for 10 seconds and then automatically turn back on. The fog lamps will remain illuminated unless manually turned off by the operator. The combination of the high beams and fog lights may exceed the allowable limits of light output. Therefore, these vehicles do not

conform to Federal Motor Vehicle Safety Standard (FMVSS) number 108, "Lamps, Reflective Devices, and Associated Equipment."

**Consequence:** Concurrent illumination of the fog lamps and high beam headlights may produce excessive light output and impair the visibility of drivers in oncoming traffic, thereby increasing the possibility of an accident.

**Chronology of Principal Events that Formed Basis for Recall – 573.6(c)(6)**

On March 18, 2014, during an investigation to determine what was causing new trucks to have an inactive Diagnostic Trouble Code, it was discovered that the fog lamps in the Model 587 were reactivated 10 seconds after the high beam headlights were turned on. All Model 587 vehicles equipped with optional fog lamps were placed on hold pending outcome of further investigation. On March 21 the determination was made to ship trucks with the fog lamp functionality deactivated. When the updated software is available the fog lamp functionality will be reactivated. On April 4, 2014, the Peterbilt Safety Committee determined that the fog lamp software malfunction constituted a defect relating to safety for which a recall would be initiated.

On April 7, 2014, PACCAR submitted a 573 report informing NHTSA of the above-described noncompliance. Pursuant to a subsequent discussion with NHTSA regarding the nature of the noncompliance, PACCAR hereby submits this revised 573 report.

**Description of Remedy - 573.6(c)(8)**

Peterbilt will notify owners, and dealers will update the Cab Electronic Control Unit (CECU) software to correct the programming defect that allows the fog lamps to come on when the high beam headlights are on.

**Communications Sent to Dealers and Owners – 573.6(c)(10)**

Subject to NHTSA approval, a customer letter will be sent within 60 days.

**Identification of Manufacturer's Campaign Number - 573.6(c)(11)**

The Peterbilt number for this campaign is "414-E."

Please let me know if you have any questions or concerns.

Very truly yours,

s/Pamela S. Tonglao

Counsel  
PACCAR Inc